

Claims

1. An appliance housing, in particular an electrical appliance housing, with a housing body (2) made from hard plastic, in which provision is made for an aperture (4) to actuate a switch or the like in the interior of the housing body (2), said aperture (4) being sealed by means of a membrane (9) of soft plastic, and further provision is made for an actuating button (12) on or in the membrane (9) for actuating the switch, characterized in that the actuating button (12) is fastened to a base (6) of hard plastics material that is bonded to the material of the membrane (9).
2. The appliance housing according to the preceding claim wherein the base (6) is connected by means of at least one elastic bar (5) to the housing body (2), being in particular molded integrally with the housing body (2).
3. The appliance housing according to any one of the preceding claims wherein the base (6) is constructed free of through-holes and/or is not penetrated by the actuating button (12).
4. The appliance housing according to any one of the preceding claims wherein on an end face of the base (6) facing the outer side (11) of the appliance housing provision is made in the membrane (9) for a recess (21), with the base (6) preferably penetrating the membrane (9) from its outer side (11) to its inner side (7).
5. The appliance housing according to any one of the preceding claims wherein the at least one elastic bar (5) lies on an inner side (7) of the membrane (9).
6. The appliance housing according to any one of the preceding claims wherein the actuating button (12) protrudes beyond the membrane (9) towards the housing outer side (11).
7. The appliance housing according to any one of the preceding claims wherein the actuating button (12) and the base (6) are joined together.
8. The appliance housing according to any one of the preceding claims wherein the base (6) has a blind-end bore (19) receiving a shaft-shaped neck (17) of the actuating button (12), said neck (17) having preferably at least one radial rib (18) and/or at least one bead (22).

9. The appliance housing according to any one of the preceding claims wherein the actuating button (12) exhibits material homogeneity with the base (6) and is molded onto the base in one integral piece.

10. The appliance housing according to any one of the preceding claims wherein the membrane (9) has an edge section that encloses the base (6) and projects beyond the base (6) towards the outer side (11) of the housing and which abuts with a precise fit or with a press-fit against an edge section of the actuating button (12).

11. The appliance housing according to the preceding claim wherein the edge section of the membrane (9) forms an annular elevation (10) which with its end face engages an underside of the actuating button (12).

12. The appliance housing according to any one of the preceding claims wherein the edge section forms a boundary for a recess (21) that adjoins the base (6) axially and into which a section of the actuating button (12) is inserted, said recess (21) and said section of the actuating button (12) being preferably shaped in a conical configuration and/or said recess (21) having a smaller cone angle than the cooperating section of the actuating button (12).

13. The appliance housing according to any one of the preceding claims wherein the base (6) has on the inner side (7) a radial projection, preferably a circumferential shoulder (8).

14. The appliance housing according to any one of the preceding claims wherein the housing body (2) is made of hard plastics material which is bonded to the soft plastics material of the membrane (9), in particular injection molded by the two-component injection-molding method.

15. The appliance housing according to any one of the preceding claims wherein at least one protruding membrane support member (23) is fastened, preferably integrally molded onto the base (6) and/or the at least one elastic bar (5).

16. The appliance housing according to any one of the preceding claims wherein said bar (5) is shaped in an arcuate or undulating configuration.